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In the Claims:

1-122 (Cancelled)

123. (Previously Presented) A device for managing respiration of a patient comprising:

at least one electrode configured to be coupled to tissue of patient's body wherein the at least one electrode is configured to deliver electrical stimulation to the tissue to thereby elicit a diaphragm response; and

a stimulator configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit an inspiration duration different from an intrinsic inspiration duration of an intrinsic breath.

124. (Previously Presented) The device of claim 123 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit an increased inspiration duration with respect to an intrinsic inspiration duration of an intrinsic breath.

125. (Previously Presented) The device of claim 123 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a decreased exhalation duration with respect to an intrinsic exhalation duration of an intrinsic breath.

126. (Previously Presented) A device for managing respiration of a patient comprising:

at least one electrode configured to be coupled to tissue of patient's body wherein the at least one electrode is configured to deliver electrical stimulation to the tissue to thereby elicit a diaphragm response; and

a stimulator configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit an exhalation duration different from an intrinsic exhalation duration of an intrinsic breath.

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127. (Currently Amended) The device of claim 123 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a decreased exhalation duration with respect to an intrinsic exhalation duration of an intrinsic breath.

128-140. (Cancelled.)

141. (New) The device of claim 123 further configured to elicit an inspiration rate different from an intrinsic inspiration rate.

142. (New) The device of claim 123 further configured to elicit an exhalation rate different from an intrinsic exhalation rate

Claims 143-148 (cancelled).

149. (New) The device of claim 124 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a slow elongated inspiration.

150 (New) The device of claim 123 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a fast, short inspiration.

151 (New) The device of claim 123 wherein the stimulator is configured to deliver low level sequential stimulations.

152. The device of claim 125 wherein the stimulator is configured to deliver a stimulation signal that is directed to manipulating blood gases to thereby treat apnea.

153. (New) A device for managing respiration of a patient comprising:

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at least one electrode configured to be coupled to tissue of patient's body wherein the at least one electrode is configured to deliver electrical stimulation to the tissue to thereby activate at least a portion of a diaphragm; and

a stimulator configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit an inspiration duration different from an intrinsic inspiration duration of an intrinsic breath.

154. (New) The device of claim 153 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit an increased inspiration duration with respect to an intrinsic inspiration duration of an intrinsic breath.

155. (New) The device of claim 153 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a decreased exhalation duration with respect to an intrinsic exhalation duration of an intrinsic breath.

156. (New) The device of claim 153 wherein the stimulator is configured to deliver a stimulation signal to the tissue through the at least one electrode to elicit a decreased exhalation duration with respect to an intrinsic exhalation duration of an intrinsic breath.

157. (New) The device of claim 153 further configured to elicit an inspiration rate different from an intrinsic inspiration rate.

158. (New) The device of claim 153 further configured to elicit an exhalation rate different from an intrinsic exhalation rate